



Boston

ROSALIE RUFFINO - SPRAGUE ENERGY

V-04-00416

ANALYTICAL REPORT NO: 441084/ P111403144

SHORE TANK T1 (AFTER DISCHARGE T/B KTC - 90)
SPRAGUE ENERGY, SEARSPORT ME
6 FUEL OIL ON JULY20, 2004

<u>TESTS</u>	<u>METHODS</u>	<u>RESULTS</u>
GRAVITY, API @ 60 DEG F.	ASTM D 4052	13.1
FLASH POINT, F	ASTM D 93	188
SEDIMENT & WATER, VOL. %	ASTM D 1796	0.4
SEDIMENT BY EXTRACTION, WT. %	ASTM D 473	0.06
VISCOSITY, @ 122 F, SFS/CST	ASTM D 445	84.9/178.9
POUR POINT, C	ASTM D 97	-6
SULFUR, WT. %	ASTM D 4294	0.479
ASH, WT. %	ASTM D 482	0.03
GROSS BTU, LB. / GAL.	CALCULATED	151,726/18,619
NITROGEN, WT. %	ASTM D 5762	0.29
ASPHALTENES, WT. %	IP 143	2.1
CONRADSON CARBON RES. WT. %	ASTM D 189	7.3
WATER BY DISTILLATION, VOL. %	ASTM D 95	0.1
SODIUM, PPM WT.	ASTM D 5863	7
VANADIUM, PPM WT.	ASTM D 5863	10

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SGS OIL, GAS & CHEMICALS
BOSTON - JULY 21, 2004

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Approved, 7/16/02 S.Mitchell

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